PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 04R00624				FOR FURTHER ACTION See F		See Form PCT/IPEA/416			
International application No.				International filing da	ate (day/month/year)	Priority date (day/month/year)			
PCT/JP2004/013815			815	22.09.200	4	28.11.2003			
International Patent Classification (IPC) or national classification and IPC									
G06F3/041, G02F1/133, G02F1/1333, G09F9/00									
Applicar	nt .								
Applicant SHARP KABUSHIKI KAISHA									
1.	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.								
2.	This RE	PORT consists	of a total of	3	sheets, including	g this cover sheet.			
3.	This rep	ort is also accor	mpanied by Al	NNEXES, comprising:					
	a. 🔀	(sent to the	applicant and	to the International Bu	ureau) a total of	sheets, as follows:			
						mended and are the basis for this report and/or			
	sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental								
	Box.								
	b	(sent to the	International I	Bureau only) a total of	(indicate type and number	r of electronic carrier(s))			
	, containing a sequence listing and/or tables								
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).								
4.	This rep	ort contains ind	ications relatir	ng to the following iter	ns:				
		Box No. I	Basis of the	report					
		Box No. II	Priority						
		Box No. III	Non-establis	shment of opinion with	regard to novelty, inventi	ive step and industrial applicability			
		Box No. IV	Lack of unit	y of invention					
		Box No. V		•	35(2) with regard to novel	ty, inventive step or industrial applicability;			
	citations and explanations supporting such statement								
	Box No. VI Certain documents cited			uments cited					
	Box No. VII Certain defects in the international a				application				
	Box No. VIII Certain observations on the international application								
Date of submission of the demand					Date of completion of thi	s report			
Name and mailing address of the IPEA/JP					Authorized officer				
Faccimile No.					Talanhana Na				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/013815

Box	No. I	Basis of the report								
1.		n regard to the language, this report is based on the internat cated under this item.	ional application in the language in which	n it was filed, unless otherwise						
		This report is based on translations from the original lang which is the language of a translation furnished for the pu	· —	,						
		international search (Rule 12.3 and 23.1(b))								
		publication of the international application (Rule 12	2.4)							
		international preliminary examination (Rule 55.2 ar	nd/or 55.3)							
2.	recei		ord to the elements of the international application, this report is based on (replacement sheets which have been furnished to the Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to							
		the international application as originally filed/furnished								
	\boxtimes	the description:								
		pages 1-28		as originally filed/furnished						
		pages*								
		pages*								
	\square	the claims:	_							
		0.40		and aims the Glad Grandish ad						
			1.144							
		nos.* 1								
		nos.*								
		nos.*	received by this Authority on							
	M	the drawings:								
		sheets Fig. 1-7		as originally filed/furnished						
		sheets*	received by this Authority on							
	_	sheets*	received by this Authority on	_						
	Ш	a sequence listing and/or any related table(s) – see Supple	emental Box Relating to Sequence Listing	;.						
3.		The amendments have resulted in the cancellation of:								
		the description, pages								
		the claims, nos.								
		the drawings, sheets/figs								
		the sequence listing (specify):								
		any table(s) related to sequence listing (specify):								
4.		This report has been established as if (some of) the ame they have been considered to go beyond the disclosure as								
		the description, pages								
		the claims, nos.								
			the drawings, sheets/figs							
*	If ite	m 4 applies, some or all of those sheets may be marked "sı	uperseded."							

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/013815

Box		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Novelty (N)		Claims	1-10	YES	
			Claims		NO	
	Inventive step (IS)		Claims	1-10	YES	
			Claims		NO	
	Industrial applicability (IA)		Claims	1-10	YES	
			Claims		_ NO	

2. Citations and explanations (Rule 70.7)

Claims 1 to 10

The invention set forth in claims 1 to 10 involves an inventive step in relation to the documents cited in the international search report.

None of the documents cited in the international search report indicates that in order to reduce the noise, vibration and undesired sounds generated by a device which is mounted to the display unit of a display device and comprises a conductive film plate, a beat improvement signal having the same amplitude and same phase as the driving signal which is applied to the display device from the display device drive unit is applied to the conductive film plate, and said feature would not be obvious to a person skilled in the art.